



Queensland Government Regional Network (QGRN)

Improving government connectivity in Queensland's regions

Harnessing collective government buying power, the QGRN is implementing an aggregated network solution. This is a shared solution, delivering lower costs and higher performance than previous solutions.

The QGRN provides more reliable and faster access to your information systems that are vital to the delivery of government services in the regions.

The service connects to the Queensland Government core network in Brisbane (QGNE), providing seamless integration with existing government services.

Benefits

- Control and manage your own networks
- Provides improved performance and capacity for regional remote areas
- Reduced costs by aggregating government demand
- Enables a collaborative methodology to stimulate competition
- Utilises carriers, local suppliers and small to medium enterprises to ensure the best value services and infrastructure are sourced in each area
- Reduces duplication of services throughout government
- Inside government expertise and toolsets provide support and advice when you need it

- Direct connectivity between regional sites
- Unlimited logical security zones for separation of voice and browsing from mission critical traffic

Prerequisites

QGN Ethernet (QGNE) to your network.

Features

- Resilient inter-city carrier services where infrastructure is available
- Access from each agency network to the Queensland Government Network (QGN)
- Industry standard six Quality of Service (QoS) classes
- Transparent transport of 802.1Q tagged VLAN traffic
- IPv4 and IPv6 protocol support
- Multicast traffic support
- Supported by subject matter experts based in Queensland
- Capacity planning and management

Variants

- Layer 2 or layer 3 network services
- Dependent on the available infrastructure in each location

Metrics

Availability targets: 24 x 7 - 99.98% as:

- ▶ Sites with diverse carrier connections at 99.98%
- ▶ Sites with one carrier connection at 99.95%

Incident response: 24 x 7

Requests: Monday to Friday 8am to 6pm

Fulfilment:

- ▶ New service – in accordance with area feasibility studies
- ▶ Change to existing service – 3 work days

Reporting

- Traffic utilisation graphs and dashboards
- Customised reporting on request

Additional and related services

- Cyber Security (recommended)
 - ▶ Data Centre and Internet Firewalls (QG Firewall)
 - ▶ Web Application Firewall (QG WAF)
- Network Management

Options

- ➔ Management of agency edge devices
- ➔ Wireless access to nearby QG offices
- ➔ Customised reporting by agreement

Ordering

Please contact your CITEC representative

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